

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-326695

(43)Date of publication of application : 22.11.2001

(51)Int.Cl.

H04L 12/66

G06F 13/00

H04L 12/28

H04L 12/56

(21)Application number : 2000-146256

(71)Applicant : MATSUSHITA ELECTRIC IND CO  
LTD

(22)Date of filing : 18.05.2000

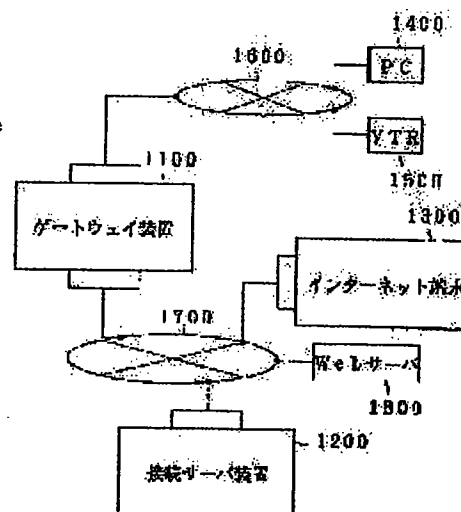
(72)Inventor : TAKEDA HIDETOSHI

(54) GATEWAY UNIT, CONNECTION SERVER UNIT, INTERNET TERMINAL, NETWORK  
SYSTEM

(57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a gateway unit that interconnects a private network and the Internet, and relieves the load of complicated processings for maintaining security.

**SOLUTION:** An Internet terminal 1300, connected to the Internet 1700, communicates with a PC 1400 or a VTR 1500 as a private terminal. A connection server unit 1200 connected to the Internet authenticates the communication to the private network 1600. The gateway unit 1100 receives only an encrypted packet, received from the connection server unit 1200, to maintain security of the private network 1600 and to reduce the processing load of the gateway unit 1100 to a low level.



## LEGAL STATUS

[Date of request for examination]

16.04.2003

[Date of sending the examiner's decision of  
rejection][Kind of final disposal of application other than  
the examiner's decision of rejection or  
application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision  
of rejection]